BiliCare™

Neonatal Noninvasive Bilirubin Meter

The BiliCare™ Transcutaneous Bilirubin Meter

The BiliCare System measures the level of bilirubin using a patented technology to provide accurate results.

It's technology is based on spectroscopy.

The System measures the level of transcutaneous bilirubin in the newborn by transmitting light at di° erent wavelengths through the outer ear. The amount of light absorbed by the bilirubin is calculated according to a customized algorithm.

- Less sensitive to motion artifacts
- Not sensitive to di° erences in pressure applied or angle of device

The LED advantage

LEDs do not deteriorate over time. No shift in power or in wavelength means no need for routine calibration.

Optional calibration check allows user to conÿrm calibration when desired.

The calibration check process is quick and easy & provides immediate results.
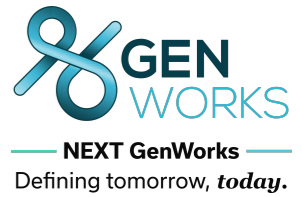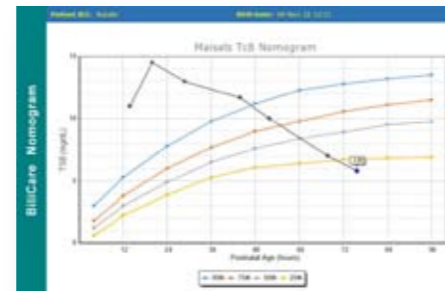
Communication features

BiliCare includes communication features that may connect it to a PC and/or to a HIS via HL-7

BiliCare Viewer

Unique S/W that displays the results in tables and graphs.

These may be printed and exported.

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mennen medical
since 1963

Gerium Medical

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Defining tomorrow, *today.*

BiliCare™

Neonatal Noninvasive Bilirubin Meter

Accurately and conveniently measures and monitors the level of bilirubin to assess the risk of neonatal hyperbilirubinemia.

Perfect for use in the NICU or newborn nursery

Gerium Medical Ltd. and it's Product BiliCare is ISO/CE certiÿed

THE NEXT GENERATION TRANSCUTANEOUS BILIRUBIN METER

Simple for the User & Gentle on the Baby
• Reduces the need for Total Blood Bilirubin and the number of sticks in the baby's heel, by providing an accurate bedside measurement
• Only requires a single measurement per test

LED Transmission Technology Reduces User Variances & Maintenance Requirements
• Less sensitive to motion artifacts & measurement differences based on user technique
• LEDs do not deteriorate over time eliminating the requirement for routine device calibration

ADVANCED TECHNOLOGY FOR ACCURATE MEASUREMENTS

Speed and convenience
• Reduces number of blood tests via heel puncture
• Can use just one measurement or average 2–3 measurements
• Can be used with or without entering baby's ID
• Large & clear display for easy use
• Resistive touch screen can be used with or without gloves
• Menu-driven user interface minimizes training needs, facilitating use by multiple caregivers
• Memory up to 40 measurements saves time in transcribing and comparing results
• Option to enter both patient and user identification facilitates hospital audits and quality assurance
• Barcode scanner for quick and accurate entry of caregiver and baby identification

Accuracy
• The BiliCare System was validated in clinical studies to produce results comparable to blood tests
• Repeatability tests confirm reliable results

Low cost of ownership
• The BiliCare System is capable of working with or without disposable tip cover
• LEDs do not require routine calibration, minimizing maintenance and cost associated with service
• Long-lasting, rechargeable battery with cradle allows extended use and ease of recharging
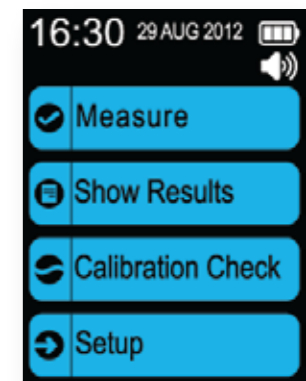
Tip Covers

MEASURING WITH BILICARE

Neonatal jaundice is a common condition, but when not carefully monitored, hyperbilirubinemia can lead to kernicterus, a devastating condition.
Early measurement of bilirubin levels, leading to early intervention is recommended but the time to take a blood sample and the trauma to the baby made universal screening difficult.
Now, the BiliCare System provides a cost and time effective way to monitor bilirubin levels without unnecessary heel sticks.

Ease of Use - just follow the simple prompts for quick measurement where and when you need it:

1
Simply press measure on the home screen to initiate the measurement process

16:30 29 AUG 2012
✓ Measure
☰ Show Results
↻ Calibration Check
↩ Setup

Measurement Area

2
Position the BiliCare clip on the baby's ear to take your measurement

3
You are now ready to review your results or take additional measurements per your hospital protocol and device set-up

16:30 29 AUG 2012
Measurments
PATIENT ID 1: 508300730001
PATIENT ID 2:
NURSE ID: LORA

15mg/dl